

IOWA STATE UNIVERSITY
OF SCIENCE AND TECHNOLOGY

5D-36
Environmental Health and Safety
2809 Daley Drive
Ames, Iowa 50011-3660
515 294-5359
FAX 515 294-9357

CERTIFIED MAIL
Return Receipt Requested

July 17, 2015

RECEIVED

JUL 23 2015

AWMD/APCO

EPA Region VII
Director, Air and Waste Management Division
11201 Renner Blvd.
Lenexa, KS 66219

Re: Boiler MACT Initial Notification – Jack Trice Stadium South End Zone
Iowa State University (Central Campus)
Facility No. 85-01-007

To Whom It May Concern:

Enclosed please find a Boiler MACT Initial Notification for two new boilers at Jack Trice Stadium South End Zone at Iowa State University.

Questions or comments on the enclosed notification may be directed to Bill Miner at (515) 294-3409, or wminer@iastate.edu.

Sincerely,



Paul E. Richmond, CIH, CSP
Director

Enclosure



IOWA DEPARTMENT OF NATURAL RESOURCES
AIR QUALITY BUREAU

Boiler MACT Initial Notification ¹

National Emission Standards for Hazardous Air Pollutants (NESHAP) for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters
40 Code of Federal Regulations (CFR) 63.7480 – 63.7575 (Subpart DDDDD)

Facility Information

Name of Firm/Company:	Facility Name (if different):	Facility Number (if known):		
Iowa State University-Central Campus		85-01-007		
Equipment Location - Street:	City:	State:	Zip:	
2809 Daley Drive	Ames	IA	50011	
Mailing Address (if different):	City:	State:	Zip:	
Person to Contact:	Phone number:	Email (if available):		
Paul E. Richmond, EH&S Director	515-294-9698	perichm@iastate.edu		

Facility Status

- ☒ Major source ²: potential or actual emissions greater than 10 tons per year of any single hazardous air pollutant (HAP) or 25 tons per year of a combination of HAP

Note: Facilities with potential and actual emissions below major source levels are "area sources." Area source facilities are not subject to NESHAP Subpart DDDDD, but may be subject to Subpart JJJJJ. More information about Subpart JJJJJ can be found at <http://www.epa.gov/ttn/atw/boiler/boilerpg.html>.

Identification of Standard

- ☒ Yes, this facility is subject to 40 CFR Part 63, Subpart DDDDD, National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters (Boiler MACT).

Initial Notification Due Date ³

- May 31, 2013, for boilers and process heaters that started up before January 31, 2013
- No later than 15 days after startup, for boilers and process heaters that started up on or after January 31, 2013

Compliance Date

- January 31, 2016, for existing sources (construction or reconstruction of the boiler or process heater commenced on or before June 4, 2010)
- January 31, 2013, or upon startup, whichever is later, for new or reconstructed sources (construction or reconstruction of the boiler or process heater commenced after June 4, 2010)

¹ This is an example of the type of information that must be submitted to fulfill the Initial Notification requirement of 40 CFR 63, Subpart DDDDD. You may submit the information in another form or format, or you may use this form.

² The major/area source determination is based on all HAP emission sources at the facility, not just the boilers and process heaters.

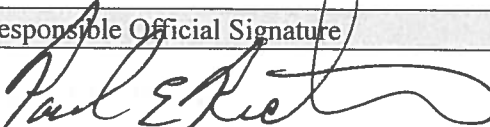
³ If you already submitted an initial notification for the Major Source Boiler MACT promulgated on March 21, 2011, you are not required to submit a new initial notification at this time. If you have not submitted an initial notification since the "old" Boiler MACT (promulgated in 2004), you will need to submit a new notification.

Boiler and Process Heater Data

Emission Unit Number	Emission Unit Description	Rated Capacity (MMBtu/hr)	Fuel(s) Combusted	Construction Date ⁴
651	Jack Trice Stadium South End Zone Boiler #1	1.403	Nat. Gas	2/2/2015
652	Jack Trice Stadium South End Zone Boiler #2	1.403	Nat. Gas	2/2/2015

⁴For purposes of this notification, the construction date is the date that on-site fabrication, erection, or installation of the boiler or process heater commenced.

Signature

Responsible Official Certification		
<input checked="" type="checkbox"/>	I certify the truth, accuracy, and completeness of this notification.	
Responsible Official Name	Responsible Official Signature	Date
Paul E. Richmond, EH&S Director		07/17/2015

Submit this notification to the following agencies:

- Director, Air and Waste Management Division, U.S. Environmental Protection Agency, 11201 Renner Blvd., Lenexa, KS 66219
- NESHAP Coordinator, Iowa Department of Natural Resources, 7900 Hickman, Suite 1; Windsor Heights, IA, 50324
- If the facility is located in either Linn County or Polk County, this notification shall also be submitted to the appropriate county office:

Polk County Public Works – Air Quality Division
5885 NE 14th Street; Des Moines, IA 50313

Linn County Public Health - Air Quality Division
501 13th Street NW; Cedar Rapids, IA 52405

IOWA STATE UNIVERSITY
OF SCIENCE AND TECHNOLOGY

36
Facilities Planning and Management
Utilities

Power Plant Building
Ames, IA 50011-4023
Phone: (515) 291-0129
Fax: (515) 294-0597
lwander@iastate.edu

REC'D
APR 23 2013
APCC

April 15, 2013

CERTIFIED MAIL
Return Receipt Requested

NESHAP Coordinator
Iowa Department of Natural Resources
Air Quality Bureau
7900 Hickman Road, Suite 1
Windsor Heights, IA 50324

Re: EIQ Number 92-2776, Facility 85-01-007, MACT Initial Notification

Dear NESHAP Coordinator:

Enclosed is the Initial Notification Report for the Iowa State University Power Plant as required by the National Emission Standard for Hazardous Air Pollutants for Industrial, Commercial and Institutional Boilers and Process Heaters.

If you need additional information, please contact me at (515) 291-0129.

Sincerely,



Lindsey Wanderscheid
Plant Engineer

c: Jeff Witt
David Inyang, EH&S
Director, US EPA Region VII



IOWA DEPARTMENT OF NATURAL RESOURCES
AIR QUALITY BUREAU

Boiler MACT Initial Notification ¹

National Emission Standards for Hazardous Air Pollutants (NESHAP) for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters
40 Code of Federal Regulations (CFR) 63.7480 – 63.7575 (Subpart DDDDD)

Facility Information

Name of Firm/Company:	Facility Name (if different):	Facility Number (if known):		
Iowa State University	Iowa State University Power Plant	85-01-007		
Equipment Location - Street:	City:	State:	Zip:	
Wallace Road	Ames	IA	50011	
Mailing Address (if different):	City:	State:	Zip:	
222 Power Plant Bldg	Ames	IA	50011	
Person to Contact:	Phone number:	Email (if available):		
Lindsey Wanderscheid	515-291-0129	lwander@iastate.edu		

Facility Status

☒ Major source ²: potential or actual emissions greater than 10 tons per year of any single hazardous air pollutant (HAP) or 25 tons per year of a combination of HAP

Note: Facilities with potential and actual emissions below major source levels are "area sources." Area source facilities are not subject to NESHAP Subpart DDDDD, but may be subject to Subpart JJJJJ. More information about Subpart JJJJJ can be found at <http://www.epa.gov/ttn/atw/boiler/boilerpg.html>.

Identification of Standard

☒ Yes, this facility is subject to 40 CFR Part 63, Subpart DDDDD, National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters (Boiler MACT).

Initial Notification Due Date ³

- May 31, 2013, for boilers and process heaters that started up before January 31, 2013
- No later than 15 days after startup, for boilers and process heaters that started up on or after January 31, 2013

Compliance Date

- January 31, 2016, for existing sources (construction or reconstruction of the boiler or process heater commenced on or before June 4, 2010)
- January 31, 2013, or upon startup, whichever is later, for new or reconstructed sources (construction or reconstruction of the boiler or process heater commenced after June 4, 2010)

¹ This is an example of the type of information that must be submitted to fulfill the Initial Notification requirement of 40 CFR 63, Subpart DDDDD. You may submit the information in another form or format, or you may use this form.

² The major/area source determination is based on all HAP emission sources at the facility, not just the boilers and process heaters.

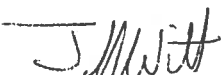
³ If you already submitted an initial notification for the Major Source Boiler MACT promulgated on March 21, 2011, you are not required to submit a new initial notification at this time. If you have not submitted an initial notification since the "old" Boiler MACT (promulgated in 2004), you will need to submit a new notification.

Boiler and Process Heater Data

Emission Unit Number	Emission Unit Description	Rated Capacity (MMBtu/hr)	Fuel(s) Combusted	Construction Date ⁴
B1	Circulating Fluidized Bed #1	235.1	Coal	6-1-1988
B2	Circulating Fluidized Bed	235.1	Coal	6-1-1988
B3	Spreader Stoker	220.4	Coal	6-1-1973
B4	Spreader Stoker	235.1	Coal	6-1-1974
B5	Chain Grate Stoker	223.1	Coal	6-1-1975

⁴ For purposes of this notification, the construction date is the date that on-site fabrication, erection, or installation of the boiler or process heater commenced.

Signature

Responsible Official Certification		
<input checked="" type="checkbox"/>	I certify the truth, accuracy, and completeness of this notification.	
Responsible Official Name	Responsible Official Signature	Date
Jeffrey Witt		4/14/13

Submit this notification to the following agencies:

- Director, Air and Waste Management Division, **U.S. Environmental Protection Agency**, 11201 Renner Blvd., Lenexa, KS 66219
- NESHAP Coordinator, **Iowa Department of Natural Resources**, 7900 Hickman, Suite 1; Windsor Heights, IA, 50324
- If the facility is located in either Linn County or Polk County, this notification shall also be submitted to the appropriate county office:

Polk County Public Works – Air Quality Division
5885 NE 14th Street; Des Moines, IA 50313

Linn County Public Health - Air Quality Division
501 13th Street NW; Cedar Rapids, IA 52405

IOWA STATE UNIVERSITY
OF SCIENCE AND TECHNOLOGY

Environmental Health and Safety
2809 Daley Drive
Ames, Iowa 50011-3660
515 294-5359
FAX 515 294-9357

CERTIFIED MAIL
Return Receipt Requested

REC'D
MAY 02 2013
APCC

April 26, 2013

EPA Region VII
Director, Air and Waste Management Division
11201 Renner Blvd.
Lenexa, KS 66219

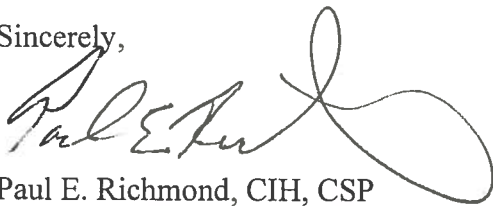
Re: Boiler MACT Initial Notification
Iowa State University (Central Campus)
Facility No. 85-01-007

To Whom It May Concern:

Enclosed please find the Boiler MACT Initial Notification with attached spreadsheet for Iowa State University-Central Campus.

Questions or comments on the enclosed notification may be directed to Sean Whalen at (515) 294-2009, or sbwhale@iastate.edu.

Sincerely,



Paul E. Richmond, CIH, CSP
Director

Enclosure



IOWA DEPARTMENT OF NATURAL RESOURCES
AIR QUALITY BUREAU

Boiler MACT Initial Notification ¹

National Emission Standards for Hazardous Air Pollutants (NESHAP) for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters
40 Code of Federal Regulations (CFR) 63.7480 – 63.7575 (Subpart DDDDD)

Facility Information

Name of Firm/Company:	Facility Name (if different):	Facility Number (if known):		
Iowa State University	Central Campus	85-01-007		
Equipment Location - Street:	City:	State:	Zip:	
2809 Daley Drive	Ames	IA	50011	
Mailing Address (if different):	City:	State:	Zip:	
Person to Contact:	Phone number:	Email (if available):		
A. David Inyang	515-294-2009	adinyan@iastate.edu		

Facility Status

- ☒ Major source ²: potential or actual emissions greater than 10 tons per year of any single hazardous air pollutant (HAP) or 25 tons per year of a combination of HAP

Note: Facilities with potential and actual emissions below major source levels are "area sources." Area source facilities are not subject to NESHAP Subpart DDDDD, but may be subject to Subpart JJJJJ. More information about Subpart JJJJJ can be found at <http://www.epa.gov/ttn/atw/boiler/boilerpg.html>.

Identification of Standard

- ☒ Yes, this facility is subject to 40 CFR Part 63, Subpart DDDDD, National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters (Boiler MACT).

Initial Notification Due Date ³

- May 31, 2013, for boilers and process heaters that started up before January 31, 2013
- No later than 15 days after startup, for boilers and process heaters that started up on or after January 31, 2013

Compliance Date

- January 31, 2016, for existing sources (construction or reconstruction of the boiler or process heater commenced on or before June 4, 2010)
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¹ This is an example of the type of information that must be submitted to fulfill the Initial Notification requirement of 40 CFR 63, Subpart DDDDD. You may submit the information in another form or format, or you may use this form.

² The major/area source determination is based on all HAP emission sources at the facility, not just the boilers and process heaters.

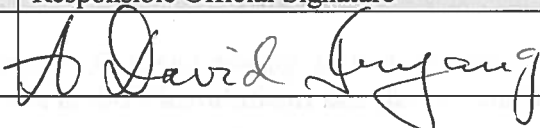
³ If you already submitted an initial notification for the Major Source Boiler MACT promulgated on March 21, 2011, you are not required to submit a new initial notification at this time. If you have not submitted an initial notification since the "old" Boiler MACT (promulgated in 2004), you will need to submit a new notification.

Boiler and Process Heater Data

Emission Unit Number	Emission Unit Description	Rated Capacity (MMBtu/hr)	Fuel(s) Combusted	Construction Date ⁴
	See attached list			

⁴ For purposes of this notification, the construction date is the date that on-site fabrication, erection, or installation of the boiler or process heater commenced.

Signature

Responsible Official Certification		
<input checked="" type="checkbox"/>	I certify the truth, accuracy, and completeness of this notification.	
Responsible Official Name	Responsible Official Signature	Date
A. David Inyang		April 17, 2013

Submit this notification to the following agencies:

- Director, Air and Waste Management Division, **U.S. Environmental Protection Agency**, 11201 Renner Blvd., Lenexa, KS 66219
- NESHAP Coordinator, **Iowa Department of Natural Resources**, 7900 Hickman, Suite 1; Windsor Heights, IA, 50324
- If the facility is located in either Linn County or Polk County, this notification shall also be submitted to the appropriate county office:

Polk County Public Works – Air Quality Division
5885 NE 14th Street; Des Moines, IA 50313

Linn County Public Health - Air Quality Division
501 13th Street NW; Cedar Rapids, IA 52405

Boiler MACT Initial Notification 4/11/2013

Iowa State University - Central Campus, 2809 Daley Drive,
Ames, IA Facility Number 85-01-007

EU/EP	Location/Designation	Type/Description	Fuel 1	Capacity	Units	Fuel 2	Capacity	Units	Construction Date
202/202	LIDIF	Boiler <10 MMBtu	Nat gas	4	MMBtu/hr	N/A	N/A	N/A	1-Jun-98
210/210	Wallace-Wilson #1	Boiler >10 MMBtu	Nat gas	16.7	MMBtu/hr	Fuel Oil	120	GPH	1-Jan-87
211/210	Wallace-Wilson #2	Boiler >10 MMBtu	Nat gas	16.7	MMBtu/hr	Fuel Oil	120	GPH	1-Jan-87
212/212	Vet Med Power Plant #3	Boiler >10 MMBtu	Nat gas	38.7	MMBtu/hr	N/A	N/A	N/A	1-Jan-76
213/213	Vet Med Power Plant #1	Boiler >10 MMBtu	Nat gas	38.7	MMBtu/hr	N/A	N/A	N/A	1-Jan-76
321/321	VMRI Bld 1	Boiler <10 MMBtu	Nat gas	2.45	MMBtu/hr	N/A	N/A	N/A	1-Jan-93
333/333	ASC Bldg 1 Boiler #1	Boiler >10 MMBtu	Nat gas	10.5	MMBtu/hr	N/A	N/A	N/A	1-Jun-62
334/334	ASC Bldg 1 Boiler #2	Boiler >10 MMBtu	Nat gas	11.7	MMBtu/hr	N/A	N/A	N/A	1-Jun-62
378/378	LIDIF Boiler #3	Boiler <10 MMBtu	Nat gas	3.3	MMBtu/hr	N/A	N/A	N/A	1-Jun-98
379/379	LIDIF Boiler #2	Boiler <10 MMBtu	Nat gas	3.3	MMBtu/hr	N/A	N/A	N/A	1-Jun-98
392/392	LIDIF Boiler #4	Boiler <10 MMBtu	Nat gas	3.3	MMBtu/hr	N/A	N/A	N/A	1-Jun-98
412/412	Knapp-Storms #1	Boiler <10 MMBtu	Nat gas	5.021	MMBtu/hr	Fuel Oil	44.8	GPH	1-May-05
413/413	Knapp-Storms #2	Boiler <10 MMBtu	Nat gas	5.021	MMBtu/hr	Fuel Oil	44.8	GPH	1-May-05
420/420	Carver Co-Lab #1	Boiler <10 MMBtu	Nat gas	1.675	MMBtu/hr	N/A	N/A	N/A	1-Jul-02
421/420	Carver Co-Lab #2	Boiler <10 MMBtu	Nat gas	1.675	MMBtu/hr	N/A	N/A	N/A	1-Jul-02
422/420	Carver Co-Lab #3	Boiler <10 MMBtu	Nat gas	1.675	MMBtu/hr	N/A	N/A	N/A	1-Jul-02
423/420	Carver Co-Lab #4	Boiler <10 MMBtu	Nat gas	1.675	MMBtu/hr	N/A	N/A	N/A	1-Jul-02
454/454	Food Science Human Nut	Boiler <1 MMBtu	Nat gas	0.525	MMBtu/hr	N/A	N/A	N/A	1-Jul-91
504/504	Carver Co-Lab #5	Boiler <10 MMBtu	Nat gas	1.675	MMBtu/hr	N/A	N/A	N/A	1-Jul-02
588/588	Vet Med New Boiler #1	Boiler >10 MMBtu	Nat gas	17.855	MMBtu/hr	N/A	N/A	N/A	1-Jan-11
589/589	Vet Med New Boiler #2	Boiler >10 MMBtu	Nat gas	17.885	MMBtu/hr	N/A	N/A	N/A	1-Jan-11
590/590	Vet Med New Boiler #3	Boiler >10 MMBtu	Nat gas	17.855	MMBtu/hr	N/A	N/A	N/A	1-Jan-11
591/591	Vet Med New Boiler #4	Boiler >10 MMBtu	Nat gas	18	MMBtu/hr	N/A	N/A	N/A	1-Jan-11
598/598	Olsen Building #1	Boiler <10 MMBtu	Nat gas	3	MMBtu/hr	N/A	N/A	N/A	1-Jan-11
599/599	Olsen Building #2	Boiler <10 MMBtu	Nat gas	3	MMBtu/hr	N/A	N/A	N/A	1-Jan-11
602/602	VMRI Bldg 40 #1	Boiler <10 MMBtu	Nat gas	1.674	MMBtu/hr	N/A	N/A	N/A	1-Oct-08
603/603	VMRI Bldg 40 #2	Boiler <10 MMBtu	Nat gas	1.674	MMBtu/hr	N/A	N/A	N/A	1-Oct-08
617/617	Spangler	Boiler <1 MMBtu	Nat gas	0.966	MMBtu/hr	N/A	N/A	N/A	1-Jul-96

IOWA STATE UNIVERSITY
OF SCIENCE AND TECHNOLOGY

Environmental Health and Safety
2809 Daley Drive
Ames, Iowa 50011-3660
515 294-5359
FAX 515 294-9357

CERTIFIED MAIL
Return Receipt Requested

REC'D
MAY 15 2013
APCO

May 13, 2013

EPA Region VII
Director, Air and Waste Management Division
11201 Renner Blvd.
Lenexa, KS 66219

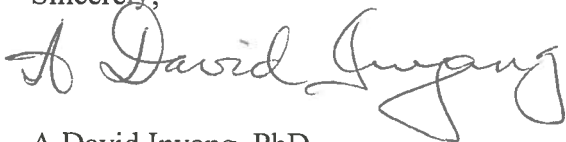
Re: Supplemental to the Boiler MACT Initial Notification
Iowa State University (Central Campus)
Facility No. 85-01-007

To Whom It May Concern:

Enclosed please find a Supplemental to the Boiler MACT Initial Notification dated April 17, 2013, for Iowa State University-Central Campus.

Questions or comments on the enclosed notification may be directed to Sean Whalen at (515) 294-2009, or sbwhale@iastate.edu.

Sincerely,



A David Inyang, PhD
Assistant Vice President

Enclosure



IOWA DEPARTMENT OF NATURAL RESOURCES
AIR QUALITY BUREAU

Boiler MACT Initial Notification ¹

National Emission Standards for Hazardous Air Pollutants (NESHAP) for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters
40 Code of Federal Regulations (CFR) 63.7480 – 63.7575 (Subpart DDDDD)

Facility Information

Name of Firm/Company:	Facility Name (if different):	Facility Number (if known):		
Iowa State University	Central Campus	85-01-007		
Equipment Location - Street:	City:	State:	Zip:	
2809 Daley Drive	Ames	IA	50011	
Mailing Address (if different):	City:	State:	Zip:	
Person to Contact:	Phone number:	Email (if available):		
A. David Inyang	515-294-2009	adinyan@iastate.edu		

Facility Status

- ☒ Major source ²: potential or actual emissions greater than 10 tons per year of any single hazardous air pollutant (HAP) or 25 tons per year of a combination of HAP

Note: Facilities with potential and actual emissions below major source levels are “area sources.” Area source facilities are not subject to NESHAP Subpart DDDDD, but may be subject to Subpart JJJJJ. More information about Subpart JJJJJ can be found at <http://www.epa.gov/ttn/atw/boiler/boilerpg.html>.

Identification of Standard

- ☒ Yes, this facility is subject to 40 CFR Part 63, Subpart DDDDD, National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters (Boiler MACT).

Initial Notification Due Date ³

- May 31, 2013, for boilers and process heaters that started up before January 31, 2013
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Compliance Date

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- January 31, 2013, or upon startup, whichever is later, for new or reconstructed sources (construction or reconstruction of the boiler or process heater commenced after June 4, 2010)

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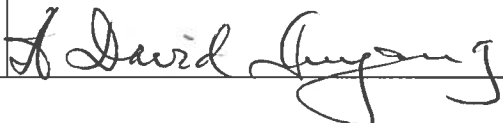
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Boiler and Process Heater Data

Emission Unit Number	Emission Unit Description	Rated Capacity (MMBtu/hr)	Fuel(s) Combusted	Construction Date ⁴
EU628	ASC Replacement Boiler #1	5.025	Nat. Gas	1/1/2013
EU629	ASC Replacement Boiler #2	5.025	Nat. Gas	1/1/2013

⁴ For purposes of this notification, the construction date is the date that on-site fabrication, erection, or installation of the boiler or process heater commenced.

Signature

Responsible Official Certification		
<input checked="" type="checkbox"/>	I certify the truth, accuracy, and completeness of this notification.	
Responsible Official Name	Responsible Official Signature	Date
A. David Inyang		05/10/2013

Submit this notification to the following agencies:

- Director, Air and Waste Management Division, **U.S. Environmental Protection Agency**, 11201 Renner Blvd., Lenexa, KS 66219
- NESHAP Coordinator, **Iowa Department of Natural Resources**, 7900 Hickman, Suite 1; Windsor Heights, IA, 50324
- If the facility is located in either Linn County or Polk County, this notification shall also be submitted to the appropriate county office:

Polk County Public Works – Air Quality Division
5885 NE 14th Street; Des Moines, IA 50313

Linn County Public Health - Air Quality Division
501 13th Street NW; Cedar Rapids, IA 52405

IOWA STATE UNIVERSITY
OF SCIENCE AND TECHNOLOGY

APCS

Facilities Planning and Management
Utilities
Power Plant Building
Ames, IA 50011-4023
Phone: (515) 294-0599
Fax: (515) 294-0597
dmullen@iastate.edu

March 8, 2005

CERTIFIED MAIL
Return Receipt Requested

REC'D
MAR 10 2005
APCO

Diane Brockshus
Iowa Department of Natural Resources
Air Quality Bureau
7900 Hickman Road, Suite 1
Urbandale, IA 50322

Re: EIQ Number 92-2776, Facility 85-01-007, MACT Initial Notification

Dear Ms Brockshus:

Enclosed is the Initial Notification Report for the Iowa State University Power Plant as required by the National Emission Standard for Hazardous Air Pollutants for Industrial, Commercial and Institutional Boilers and Process Heaters.

If you need additional information, please contact me at (515) 294-0599.

Sincerely,



Douglas N. Mullen
Plant Engineer

c: Jeff Witt
David Inyang, EH&S
Mike Bronoski, US EPA

INITIAL NOTIFICATION REPORT

SECTION I GENERAL INFORMATION

This form is being submitted in accordance with 40 CFR 63.9(b) and as required by 40 CFR 63.7545.

If you own or operate an affected source, submit this report by MARCH 12, 2005, or WITHIN 120 CALENDAR DAYS after your boiler or process heater becomes subject to the National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters, whichever is later.

- A. Print or type the following information for each facility for which you are making initial notification: (§63.9(b)(2)(i)-(ii))

Operating Permit Number (IF AVAILABLE)		Facility I.D. Number (IF AVAILABLE)	
00-TV-046-M001		85-01-007 19-169-00080 yes	
Responsible Official's Name/Title			
David J. Miller Director of FP&M Operations			
Street Address			
108 General Services Building			
City	State	ZIP Code	
Ames	IA	50011	
Facility Name			
Iowa State University Power Plant			
Facility Street Address (If different than Responsible Official's Street Address)			
Wallace Road			
Facility Local Contact Name		Title	Phone
Douglas Mullen		Plant Engineer	(515) 294-0599
City	State	ZIP Code	
Ames	IA	50011	

Check the box that applies. (§63.9(b)(2)(v))

- ☒ My facility is a major source of Hazardous Air Pollutants (HAP)
- ☐ My facility is an area source of HAP

NOTE: A major source is a source that emits or has the potential to emit 10 tons per year, or more, of any one HAP or 25 tons per year, or more, of multiple HAP. All other sources are area sources. The major/area source determination is based on all HAP emission points inside the facility fence line, not just inside the facility itself.

If you answered that your facility is an area source, the facility is not subject to this rule. Records of your applicability determination must be maintained on site for 5 years. See 40 CFR 63.10(b)(3). If you answered that your facility is a major source for HAP emissions, complete the remaining questions.

C. Indicate the relevant standard or other requirement that is the basis for this notification and the source's compliance date: (§63.9(b)(2)(iii))

Basis for this notification (relevant standard or other requirement)	Anticipated Compliance Date (mm/dd/yy)
National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters (40 CFR Part 63, Subpart DDDDD)	September 13, 2007

SECTION II SOURCE DESCRIPTION

A. Briefly describe the nature, size, design, and method of operation of the source.
(§63.9(b)(2)(iv))

The Iowa State University Power Plant operates 24 hours per day year round providing electricity, steam for heating and chilled water for conditioning buildings on campus. There are seven boilers which share a common stack that is 230 feet tall. All seven boilers were in operation before November 12, 2004.

NOTE: If the same information requested above is contained in a title V permit application or permit, you may attach the relevant pages from that document to this notification and reference those pages above.

B. Identify the types of emission points within the affected source subject to the relevant standard and the types of hazardous air pollutants emitted. (§63.9(b)(2)(iv))

Types of Emission Points

NOTE: Boilers and process heaters are typically served by chimneys or stacks for flue gas release and dispersion.

Boilers 1 and 2 are circulating fluidized bed with heat input of 235.1 mmBtu/hr each.
Boiler 3 is a spreader stoker with a heat input of 220.4 mmBtu/hr.
Boiler 4 is a spreader stoker with a heat input of 235.1 mmBtu/hr.
Boilers 5, 6 and 7 are chain-grate stokers with heat inputs of 223.1, 133.0 and 133.0 mmBtu/hr.

Types of HAP Emitted

Check the boxes indicating the principal types of HAP emitted by the affected source (i.e., boilers and process heaters). Check all that apply. For example, coal and residual oil fired boilers or process heaters would typically emit all three types of HAP. Natural gas fired boilers or process heaters would typically emit organic HAP.

- ☒ Metal HAP (for example, arsenic, beryllium, cadmium, chromium, cobalt, lead, manganese, mercury, nickel, selenium)
- ☒ Organic HAP (for example, acetaldehyde, benzene, formaldehyde, toluene, xylenes)
- ☒ Acid gas HAP (for example, hydrogen chloride, hydrogen fluoride)

**SECTION III
SPECIFIC REQUIREMENTS**

Section 63.7545(b)(2) requires you to include in this Initial Notification a signed statement indicating whether your affected source has a federally enforceable permit that limits the annual capacity factor to less than or equal to 10 percent.

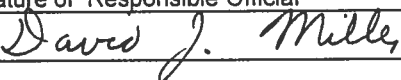
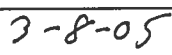
- ☐ My facility has a federally enforceable permit that limits the annual capacity factor to less than or equal to 10 percent for the following boilers and process heaters.

Use the facility identification number from section I.A.

- ☒ My facility does not have federally enforceable permit that limits the annual capacity factor for any individual boiler or process heater to less than or equal to 10 percent.

**SECTION IV
CERTIFICATION**

I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained or referenced in this initial notification report are true, accurate, and complete.

Name of Responsible Official (Print or Type)	Title	Date (mm/dd/yy)
David J. Miller	Director of FP&M Operations	03/08/05
Signature of Responsible Official		
 		

Note: Responsible official is defined in 40 CFR §63.2, §70.2 and §71.2 and in EPA-approved State title V operating permits programs.

